

B.Sc. (Hons) Computer Science (Machine Learning & AI)

Each degree conferred by the University of London (UOL) is composed of a number of units to obtain a **minimum of 180 ECTS overall**. This includes the equivalent of 60 ECTS obtained at diploma level and a further 120 ECTS obtained through Level 2 and Level 3 units.

All Level 2 units are compulsory. These are as follows:

UOL Code	Study Unit	SMI Codes	Delivery	ECTS
CM2005	Object-oriented Programming in C++	SMc21467	A + W	7.5
		SMc20447		
CM2010	Software Design and Development	SMc20347	A + W	7.5
		SMc20446		
CM2025	Cyber Security	SMc30382	A + W	7.5
		SMc20448		
CM2040	Databases, Networks and the Web	SMc21353	A + W	7.5
		SMc20458		
CM2015	Programming with Data	SMc20374	W + S	7.5
		SMc20435		
CM2030	Graphics Programming	SMc20436	S + SU	7.5
CM2035	Algorithms and Data Structures II	SMc20348	W + S	7.5
		SMc20459		
CM2045	Professional Practice for Computer Scientists	SMc30415	S + SU	7.5
		SMc20468		

Level 3 units depend on the area of specialisation selected by the student. In the case of **B.Sc. (Hons) Computer Science (Machine Learning and Artificial Intelligence)**, the following unit(s) are compulsory:

UOL Code	Study Unit	SMI Codes	Delivery	ECTS
CM3070	Computer Science Final Project	SMc30390	All Year	15

MQF Level 6
Qualification

Total Credits 180
ECTS

Duration
minimum

FULL-TIME 2 years
(18 months)

PART-TIME 3 years
(27 months)

Delivery Mode
In person

Conferred By



Job Opportunities

Machine Learning Engineer
Artificial Learning Engineer
Neural Net Developer
Application Developer

Structure of the Programme

A: Autumn Trimester (Oct - Dec)

W: Winter Trimester (Jan - Mar)

S: Spring Trimester (Apr - Jun)

SU: Summer Trimester (Jul - Sept)

The trimester, in which the study units are taught, may change at the discretion of the Institute.

Assessment

Each module, excluding the Final Project, is summatively assessed either by coursework or a combination of coursework and a three-hour unseen written examination.

B.Sc. (Hons) Computer Science (Machine Learning & AI)

The following are the elective units offered to students following the **B.Sc. (Hons) Computer Science (Machine Learning and Artificial Intelligence)** in order to complete the required number of credits. Such units are subject to change and chosen by SMI depending on a number of reasons including, but not limited to, curriculum developments, staffing resources and timetabling.

UOL Code	Study Unit	SMI Codes	Delivery	ECTS
CM3010	Databases and Advanced Data Techniques	SMc21363	A + W	7.5
		SMc21371		
CM3020	Artificial Intelligence	SMc31387	A + W	7.5
		SMc30466		
CM3015	Machine Learning and Neural Networks	SMc31402	W + S	7.5
		SMc30456		
CM3055	Interaction Design	SMc30386	S + SU	7.5
CM3060	Natural Language Processing	SMc31403	S + SU	7.5
CM3065	Intelligent Signal Processing	SMc30457	S + SU	7.5

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